

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		"370"/\$ and MAC adj layer adj protocol and TDMA	US-PGPUB; USPAT	OR	ON	2002/06/18 09:50
		"370"/\$ and MAC adj layer adj protocol	US-PGPUB; USPAT	OR	ON	2002/06/18 09:49
		"370"/\$ and MAC protocol	US-PGPUB; USPAT	OR	ON	2002/06/18 09:48
S1	0	MAC near2 protocol and master adj device and slave adj device and TDMA and QoS	US-PGPUB; USPAT	OR	ON	2002/06/18 09:33
S2	0	MAC and master adj device and slave adj device and TDMA and QoS	US-PGPUB; USPAT	OR	ON	2002/06/18 09:34
S3	11	MAC and master adj device and slave adj device and TDMA	US-PGPUB; USPAT	OR	ON	2002/06/18 09:43
S4	19	master adj device and slave adj device and TDMA	US-PGPUB; USPAT	OR	ON	2002/06/18 09:47
S5	381	"370"/\$ and MAC adj protocol	US-PGPUB; USPAT	OR	ON	2002/06/18 09:49
S6	2	"370"/\$.ccls. and MAC adj layer adj protocol and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 09:51
S7	2	"370"/\$ and MAC adj layer adj protocol and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 09:55
S8	13	"370"/\$.ccls. and MAC adj protocol and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 10:23
S9	62	"370"/\$.ccls. and MAC and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 10:37
S10	17288	master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 10:38
S11	129	"370"/\$.ccls. and master adj device and slave adj device	US-PGPUB; USPAT	OR	ON	2002/06/18 10:50
S12	1	"370"/\$.ccls. and master adj device and slave adj device and variable near2 data adj slot	US-PGPUB; USPAT	OR	ON	2002/06/18 10:42
S13	0	"370"/\$.ccls. and master adj device and slave adj device and variable near3 slot and dynamic adj allocation	US-PGPUB; USPAT	OR	ON	2002/06/18 10:52
S14	2	"370"/\$.ccls. and master adj device and slave adj device and variable near3 slot	US-PGPUB; USPAT	OR	ON	2002/06/18 10:54

## EAST Search History

S15	2170	ALOHA	US-PGPUB; USPAT	OR	ON	2002/06/18 10:54
S16	10	ALOHA and master adj device and slave adj device	US-PGPUB; USPAT	OR	ON	2002/06/18 10:57
S17	1	slotted adj ALOHA and master adj device and slave adj device	US-PGPUB; USPAT	OR	ON	2002/06/18 10:58
S18	441	slotted adj ALOHA	US-PGPUB; USPAT	OR	ON	2002/06/18 10:58
S19	228	slotted adj ALOHA and TDMA	US-PGPUB; USPAT	OR	ON	2002/06/18 10:59
S20	9	master adj device and slave adj device and MAC and TDMA and data adj slot and variable	US-PGPUB; USPAT	OR	ON	2002/06/18 14:04
S21	7	centralized adj MAC	US-PGPUB; USPAT	OR	ON	2002/06/18 11:06
S22	3	Medium adj Access adj Control adj layer adj protocol and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/18 11:09
S23	1	"6246702".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 11:11
S24	1	"6097707".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 11:24
S25	1	"6246702".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 11:27
S26	863	dynamic near variable	US-PGPUB; USPAT	OR	ON	2002/06/18 11:29
S27	10	dynamic adj allocation near3 variable	US-PGPUB; USPAT	OR	ON	2002/06/18 11:33
S28	2	dynamic adj allocation adj variable	US-PGPUB; USPAT	OR	ON	2002/06/18 11:34
S29	0	dynamic adj allocation adj variable adj length adj data	US-PGPUB; USPAT	OR	ON	2002/06/18 11:35
S30	0	variable-length adj data adj slots	US-PGPUB; USPAT	OR	ON	2002/06/18 11:36
S31	4	variable adj length adj data adj slots	US-PGPUB; USPAT	OR	ON	2002/06/18 11:37
S32	0	manage near3 variable near2 data adj slots	US-PGPUB; USPAT	OR	ON	2002/06/18 14:05
S33	0	"370"/\$.ccls. and manage near3 variable near2 data adj slots	US-PGPUB; USPAT	OR	ON	2002/06/18 14:05
S34	0	Medium adj access adj control adj layer adj protocol and variable adj length and dynamic	US-PGPUB; USPAT	OR	ON	2002/06/18 14:08

## EAST Search History

S35	629	slot adj allocation	US-PGPUB; USPAT	OR	ON	2002/06/18 14:16
S36	22	dynamic adj slot adj allocation	US-PGPUB; USPAT	OR	ON	2002/06/18 14:17
S37	1	"6278713".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 16:49
S38	1	"6285662".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 16:28
S39	1	"6246702".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 16:29
S40	1	"6097707".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 16:29
S41	1	"6285662".pn.	US-PGPUB; USPAT	OR	ON	2002/06/18 16:49
S42	3	370/280,277,294,321,470,471, 503,508,509,510.ccls. and MAC adj protocol and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2002/06/19 09:55
S43	274	"370"/\$.ccls. and TDMA and master and slave	US-PGPUB; USPAT	OR	ON	2003/04/07 15:42
S44	83	"370"/\$.ccls. and TDMA and master and slave and MAC	US-PGPUB; USPAT	OR	ON	2003/04/07 15:50
S45	0	"370"/\$.ccls. and TDMA and master and slave and MAC and @ad,="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 15:51
S46	38	"370"/\$.ccls. and TDMA and master and slave and MAC and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 15:54
S47	7	"370"/\$.ccls. and TDMA adj frame and master and slave and MAC and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 15:59
S48	794	"370"/\$.ccls. and TDMA adj frame	US-PGPUB; USPAT	OR	ON	2003/04/07 16:00
S49	0	"370"/\$.ccls. and TDMA adj frame with timeslot with synchronization adj slot	US-PGPUB; USPAT	OR	ON	2003/04/07 16:00
S50	75	"370"/\$.ccls. and TDMA adj frame with timeslot	US-PGPUB; USPAT	OR	ON	2003/04/07 16:01
S51	57	("370"/\$.ccls. and TDMA adj frame with timeslot ) and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:03
S52	9	("370"/\$.ccls. and TDMA adj frame with timeslot ) and @ad<="19990910" and master and slave	US-PGPUB; USPAT	OR	ON	2003/04/07 16:30

## EAST Search History

S53	46	TDMA adj frame adj format	US-PGPUB; USPAT	OR	ON	2003/04/07 16:30
S54	40	TDMA adj frame adj format and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:31
S55	8	370/338,337,347.ccls. and TDMA adj frame adj format and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:34
S56	2	370/338,337,347.ccls. and TDMA adj frame and timestamp and slot and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:38
S57	0	"370"/\$.ccls. and TDMA adj frame and timestamp and slot and master and slave and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:38
S58	63	"370"/\$.ccls. and TDMA adj frame and master and slave and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:38
S59	0	"370"/\$.ccls. and TDMA adj frame and master and slave and timestamp and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:38
S60	56	"370"/\$.ccls. and TDMA adj frame and master and slave and slot and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:40
S61	7	"370"/\$.ccls. and MAC and TDMA adj frame and master and slave and slot and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:48
S62	7	"370"/\$.ccls. and MAC and TDMA adj frame and master and slave and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:53
S63	38	"370"/\$.ccls. and MAC and TDMA and master and slave and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/07 16:53
S64	144	MAC and TDMA adj Frame	US-PGPUB; USPAT	OR	ON	2003/04/10 14:13
S65	64	MAC and TDMA adj Frame and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/10 14:28
S66	1041	TDMA adj Frame and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/04/10 14:29
S67	9	TDMA adj Frame with figure	US-PGPUB; USPAT	OR	OFF	2003/04/10 14:32
S68	9	TDMA adj frame with figure	US-PGPUB; USPAT	OR	OFF	2003/04/10 14:37
S69	15	TDMA adj frame with figure	US-PGPUB; USPAT	OR	ON	2003/04/10 14:43

## EAST Search History

S70	3	TDMA adj frame and variable with data adj slot	US-PGPUB; USPAT	OR	ON	2003/04/10 14:49
S71	14	TDMA and variable with data adj slot	US-PGPUB; USPAT	OR	ON	2003/04/10 14:52
S72	19	TDMA and MAC and variable with slot and dynamic with allocation	US-PGPUB; USPAT	OR	ON	2003/04/10 15:12
S73	0	TDMA with sync\$7 with timestamp with slot	US-PGPUB; USPAT	OR	ON	2003/04/10 15:15
S74	0	TDMA with timestamp with slot	US-PGPUB; USPAT	OR	ON	2003/04/10 15:16
S75	46	TDMA with variable with slot	US-PGPUB; USPAT	OR	ON	2003/04/10 15:16
S76	395	ultra with wide with band	US-PGPUB; USPAT	OR	ON	2003/08/08 10:17
S77	22	ultra adj wide adj band adj signal	US-PGPUB; USPAT	OR	ON	2003/08/08 10:17
S78	7	ultra adj wide adj band adj signal and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:19
S79	0	multiplicity with ultra adj wide adj band adj signal and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:18
S80	0	multiplicity same ultra adj wide adj band adj signal and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:18
S81	0	ultra adj wide adj band adj signal and @ad<="20000110" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 10:19
S82	0	ultra adj wide adj band adj signal and @ad<="20000110" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 10:19
S83	103	ultra adj wide adj band and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 12:24
S84	2	ultra adj wide adj band and @ad<="20000110" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 10:21
S85	0	ultra adj wide adj band adj network and @ad<="20000110" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 10:21
S86	0	ultra adj wide adj band adj network and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:22
S87	3	ultra adj wide adj band with network and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:51
S88	2	ultra adj wide adj band and TDMA and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:25
S89	1	ultra adj wide adj band and TDMA with frame and @ad<="20000110"	US-PGPUB; USPAT	OR	ON	2003/08/08 10:25

## EAST Search History

S90	1	ultra adj wide adj band and @ad<="20000110" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 10:52
S91	0	ultra adj wideband and @ad<="19990910" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 10:53
S92	0	ultra adj wide adj band and @ad<="19990910" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 10:53
S93	2	ultra adj wide adj band and @ad<="19990910" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 11:03
S94	3	uwb and @ad<="19990910" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 11:24
S95	2	ultra with wide adj band and @ad<="19990910" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 11:25
S96	171	((ultra adj wide adj band) or UWB)and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 11:26
S97	171	((ultra adj wide adj band) or UWB) and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 11:27
S98	5	((ultra adj wide adj band) or UWB) and @ad<="19990910" and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 11:44
S99	7	ultra adj wide adj band adj signals and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 11:49
S100	3	TDMA and UWB and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 12:08
S101	0	TDMA and ultra-wide adj band and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 12:20
S102	1	"5537414".pn.	US-PGPUB; USPAT	OR	ON	2003/08/08 12:21
S103	0	"5627829".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:22
S104	0	"5644576".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:22
S105	0	"5742592".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:22
S106	0	"5790551".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:23
S107	0	"5953344".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:23
S108	0	"5960000".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:23
S109	0	"5970062".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:23
S110	0	"6091717".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:24

## EAST Search History

S11 1	0	"6115390".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:24
S11 2	0	"6226277".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:24
S11 3	0	"6243583".pn. and ultra	US-PGPUB; USPAT	OR	ON	2003/08/08 12:24
S11 4	101	ultra adj wide adj band and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2003/08/08 12:25
S11 5	1	ultra adj wide adj band and @ad<="19990910" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 13:12
S11 6	25	wide adj band and TDMA and @ad<="19990910" and MAC	US-PGPUB; USPAT	OR	ON	2003/08/08 13:17
S11 7	21	UWB and TDMA	US-PGPUB; USPAT	OR	ON	2003/08/08 13:17
S11 8	26	UWB and wire and wireless and Hybrid	US-PGPUB; USPAT	OR	ON	2004/04/29 12:11
S11 9	2	UWB and wire and wireless and Hybrid and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:11
S12 0	7	UWB and wire and wireless and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:14
S12 1	0	impluse with radio and wire and wireless and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:14
S12 2	6538	radio and wire and wireless and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:14
S12 3	95	network with media with wire with wireless and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:15
S12 4	2	network with media with wire with wireless with hybrid and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:17
S12 5	0	UWB and network with media with wire with wireless with hybrid and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:17
S12 6	2	radio and network with media with wire with wireless with hybrid and @ad<="19990910"	US-PGPUB; USPAT	OR	ON	2004/04/29 12:17
S12 7	1	"10393284"	US-PGPUB; USPAT	OR	ON	2005/06/28 13:31
S12 8	1	"6749273"	US-PGPUB; USPAT	OR	ON	2005/06/28 13:29
S12 9	1	"6749283"	US-PGPUB; USPAT	OR	ON	2005/06/28 13:30
S13 0	1	"6749293"	US-PGPUB; USPAT	OR	ON	2005/06/28 13:30

## EAST Search History

S13 1	1	"6749273".pn.	US-PGPUB; USPAT	OR	ON	2005/06/28 13:30
S13 2	1	"10/393284"	US-PGPUB; USPAT	OR	ON	2005/06/28 14:17
S13 3	0	ultra with wide with band with timeslot and synch with slot	US-PGPUB; USPAT	OR	ON	2005/06/28 14:17
S13 4	1004	ultra with wide with band	US-PGPUB; USPAT	OR	ON	2005/06/28 14:18
S13 5	0	S134 same timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:18
S13 6	32	S134 and timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:25
S13 7	36	UWB and timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:25
S13 8	2	UWB and timestamp with slot	US-PGPUB; USPAT	OR	ON	2005/06/28 14:27
S13 9	36	UWB and timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:27
S14 0	15	UWB and timestamp and synch\$6	US-PGPUB; USPAT	OR	ON	2005/06/28 14:38
S14 1	0	TDMA with frame with synchronization with slot with timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:39
S14 2	0	TDMA with synchronization with slot with timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:39
S14 3	1	TDMA with slot with timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:46
S14 4	403	TDMA same slot same timeslot	US-PGPUB; USPAT	OR	ON	2005/06/28 14:46
S14 5	106	TDMA same slot same timeslot same synchron\$7	US-PGPUB; USPAT	OR	ON	2005/06/28 14:47
S14 6	4	TDMA with slot with timeslot with synchron\$7	US-PGPUB; USPAT	OR	ON	2005/06/28 14:46
S14 7	0	TDMA with slot with timestamp with synchron\$7	US-PGPUB; USPAT	OR	ON	2005/06/28 14:47
S14 8	7	TDMA same slot same timestamp same synchron\$7	US-PGPUB; USPAT	OR	ON	2005/06/28 14:49
S14 9	20	TDMA and timestamp with slot	US-PGPUB; USPAT	OR	ON	2005/06/28 14:51
S15 0	4	TDMA adj frame with timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 16:45
S15 1	1096	TDMA adj frame with slot	US-PGPUB; USPAT	OR	ON	2005/06/28 14:52

## EAST Search History

S15 2	1	TDMA with frame with slot with timestamp	US-PGPUB; USPAT	OR	ON	2005/06/28 14:53
S15 3	73	("5337975" "5675388" "5850422"  "5889767" "5903605" "6097766"  "6181687" "6232910" "6236662"  "6239741" "6275500" "6275544"  "6697382" "6707828" "6735238"  "20020080889" "20020131370" "20030054764" "4763325" "5519400" "6324397" "4232339" "6002708" "6310865" "6505032" "6549567" "5940435" "6064697" "6351468" "6574266" "6621857" "6633558" "5909491" "6067648" "6172965" "6178217" "6212230" "6246277" "6449265" "6603818" "5594738" "5761197" "6243372" "6628642" "6625229" "6735734" "6747959" "3728632" "5715236" "6385461" "6477171" "6519460" "4574378" "5812671" "5886652" "6041051" "6122291" "6539213" "3875524" "4644534" "4672608" "6115390" "6292153" "6492904" "20020018458" "6161138" "6177903" "6437832" "6480505" "6497656" "6668008" "6791734" "20010055353").PN.	US-PGPUB; USPAT	OR	ON	2005/06/28 16:45
S15 4	1	"6597683".pn.	US-PGPUB; USPAT	OR	ON	2006/02/27 10:36
S15 5	1	"6597683".pn. and unguided with guided	US-PGPUB; USPAT	OR	ON	2006/02/27 10:37
S15 6	1	"6597683".pn.	US-PGPUB; USPAT	OR	ON	2006/07/18 09:22

## EAST Search History

S15 7	94	("3668639" "3678204" "3728632"  "3875524" "4232339" "4506267"  "4574378" "4641317" "4644534"  "4651152" "4672608" "4743906"  "4763325" "4813057" "5134408"  "5148174" "5153595" "5159343"  "5307081" "5334975" "5365240"  "5493691" "5519400" "5523758"  "5586145" "5592177" "5594738"  "5610907" "5675388" "5715236"  "5748891" "5761197" "5812671"  "5832035" "5850422" "5886652"  "5889767" "5903605" "5909491"  "5920278" "5940435" "6002708"  "6026125" "6064697" "6067648"  "6069887" "6097766" "6115390"  "6122291" "6133876" "6161138"  "6172965" "6177903" "6178217"  "6212230" "6232910" "6236662"  "6239741" "6243372" "6246277"  "6246377" "6275500" "6275544"  "6285662" "6292153" "6310865"  "6324397" "6351468" "6351652"  "6385461" "6424654" "6437832"  "6449265" "6477171" "6480505"  "6492904" "6497656" "6505032"  "6519460" "6539213" "6549567"  "6574266" "6603818" "6621857"  "6625229" "6628642" "6633558"  "6668008" "6697382" "6707828"  "6735238" "6735734" "6747959"  "6791734").PN.	US-PGPUB; USPAT	OR	ON	2006/07/18 09:23
S15 8	14	S157 and UWB	US-PGPUB; USPAT	OR	ON	2006/07/18 09:22
S15 9	27	S157 and TDMA	US-PGPUB; USPAT	OR	ON	2006/07/18 09:23
S16 0	8	S157 and TDMA and MAC	US-PGPUB; USPAT	OR	ON	2006/07/18 09:23
S16 1	14	S157 and MAC	US-PGPUB; USPAT	OR	ON	2006/07/18 09:23
S16 2	30	S157 and (uwb or ultra or impulse)	US-PGPUB; USPAT	OR	ON	2006/07/18 09:30
S16 3	8	S157 and (uwb or ultra or impulse) and TDMA	US-PGPUB; USPAT	OR	ON	2006/07/18 09:24
S16 4	2	S157 and (uwb or ultra or impulse) and TDMA and MAC	US-PGPUB; USPAT	OR	ON	2006/07/18 09:24
S16 5	8	S157 and (uwb or ultra or impulse) and TDMA	US-PGPUB; USPAT	OR	ON	2006/07/18 09:30
S16 6	97	granularity with "1" with bit	USPAT	OR	OFF	2006/12/13 16:41

## EAST Search History

S16 7	217	granularity with "1" with bit	US-PGPUB; USPAT	OR	OFF	2006/12/13 16:35
S16 8	29	granularity with "1" with bit same (MAC)	US-PGPUB; USPAT	OR	ON	2006/12/13 16:40
S16 9	3	variable with data with slot with granularity with "1" with bit	US-PGPUB; USPAT	OR	ON	2006/12/13 16:39
S17 0	5	data with slot with granularity with "1" with bit	US-PGPUB; USPAT	OR	ON	2006/12/13 16:39
S17 1	9	slot with granularity with "1" with bit	US-PGPUB; USPAT	OR	ON	2006/12/13 16:39
S17 2	3	granularity with "1" with bit same TDMA	US-PGPUB; USPAT	OR	ON	2006/12/13 16:40
S17 3	23	granularity with "1" with bit and TDMA	US-PGPUB; USPAT	OR	ON	2006/12/13 16:40
S17 4	1	"6944148".pn.	USPAT	OR	OFF	2007/04/06 08:24

## EAST Search History

S17 5	122	( "20010055353"  "20020018458"  "20020080889"  "20020131370"  "20020190881"  "20030054764"  "20030179625"  "20030206559"  "20050018754"  "3728632"  "3875524"  "4232339"  "4574378"  "4644534"  "4672608"  "4763325"  "5156005"  "5235619"  "5337975"  "5361072"  "5408506"  "5517505"  "5519400"  "5544075"  "5594738"  "5644576"  "5646623"  "5652749"  "5675388"  "5687169"  "5715236"  "5761197"  "5812671"  "5850422"  "5886652"  "5889767"  "5903605"  "5909491"  "5940435"  "5960031"  "5966448"  "6002687"  "6002708"  "6041051"  "6041123"  "6064697"  "6067648"  "6097707"  "6097766"  "6115390"  "6122291"  "6161138"  "6161181"  "6172965"  "6177903"  "6178217"  "6181687"  "6199052"  "6212230"  "6232910"  "6236662"  "6239741"  "6243372"  "6246277"  "6275500"  "6275544"  "6278838"  "6292153"  "6300903"  "6310865"  "6324397"  "6347084"  "6351468"  "6363434"  "6385461"  "6400308"  "6405132"  "6424645"  "6437832"  "6449265"  "6463042"  "6477171"  "6480483"  "6480505"  "6483826"  "6492904"  "6497656"  "6505032"  "6510150"  "6519460"  "6539213"  "6549567"  "6560215"  "6560229"  "6574266"  "6580704"  "6587946"  "6597683"  "6603818"  "6621857"  "6625229"  "6628642"  "6633558"  "6668008"  "6690741"  "6697382"  "6707817"  "6707828"  "6735238"  "6735734"  "6747959"  "6791734"  "6816510"  "6839350"  "6850495"  "6901106"  "6903681"  "6907044"  "6909728"  "6934287"  "6941454"  "7058414"). PN.	US-PGPUB; USPAT	OR	ON	2007/12/26 08:22
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